



	1	50
AiBtR	(1) MGVDVRILTAALVLLAASSTTSAQGMPFESRCAYMTDIPRPDERPELPI	
SfBtR	(1) MAVDVRILTATLLVLTTATAQRDR-----CGYMEI PRPDRP -DFPPQ	
HzBtR	(1) MAVDVRILTAAVFIIAAHLTFAQD-----CSYMAIPRPERP -DFPSL	
OnBtR	(1) MGVERFFPAVLLVSLASAALANQR-----CSYIIIAIPRPERTP -ELPPI	
BmBtR	(1) MGVDVRILATLLLIYAETVLAQER-----CGFMAIPRPPRP -DLPEL	
MsBTR	(1) MAVDVRIAFAFLVFIAPAVLAQER-----CGYMTAI PRLPRPDNLNPVL Signal Peptide	
		100
AiBtR	(51) IYDGLSWNERPLVPANEDRLDVCMDEFF-----RGMQYIFMEEEIHGD	
SfBtR	(43) NFDGLTWAQQPLLPAED -REEVCLNDYEPPDPWSNNHGDQRIYMEEEIEGP	
HzBtR	(43) NFDGIPWSRYPLIPVEG -REDVCMNEFQ ---PDALNPVTVI FMEEEIEGD	
OnBtR	(43) DYEGKSWSEQPLIPGPT -REEVCMEN-----FLPDQMIQVIYMEEEIEGD	
BmBtR	(43) DFEGQTWSQRPLIPAAD -REDVCMDGYH -AMPTYGTQIIYMEEEIEGE	
MsBTR	(44) NFEGQTWSQRPLLPAPE -RDDLCMDAYH -VITANLGTQVIYMDDEEIEDE	
	101	150
AiBtR	(94) VPIAKLNYIGDKIPYVHSTFTVGSFRLLGPEIRKISG ---DWHLVITNRQ	
SfBtR	(92) VVIAKINYQGNTPPQIRLPFRVGAHMLGAEIREYPDATGDWYLVITQRQ	
HzBtR	(89) VAIARLNRYRGNTPTIVSPFSFGTFNMLGPVIRRI PENGGDWHLVITQRQ	
OnBtR	(87) VIIAKLNYQG --SNTPVLSIMSGQPRAQLGPEFRQNEADGQWSLVITQRQ	
BmBtR	(90) VPIAKLNYRGPNVPYIEPAFLSGSFNLLVPVIRRI PDSNGEWHLI ITQRQ	
MsBTR	(91) ITIAILNYNGPSTPFIELPFLSGSYNLLMPVIRRVDN --GEWHLI ITQRQ	
	151	200
AiBtR	(141) DYEAG -TWFHAFTIRIDN -EVDAEVMLAIVNIDDNDPLIDLSEPCQIAEQ	
SfBtR	(142) DYETPDMQRYTDFVSVEGQSLVVTVRLDIVNIDDNAPIIEMLEPCNLPEL	
HzBtR	(139) DYETPGMQQYIFDVRVDEPLVATVMLLIVNIDDNDPIIQMFEP CDI PER	
OnBtR	(135) DYETATMQSYVFSIQVEGESQAVLVALEIVNIDDNPPILQVVSACVI PEH	
BmBtR	(140) DYETPGMQQYVFNIRIDGETLVAGSLLIVNIDDNAPIIQALEPCQVDEL	
MsBTR	(139) HYELPGMQQYMFNVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEP CRVPEL	
	201	250
AiBtR	(189) RDARSVKTCRYIVHDVDGEISTRFMRYEIESGRG -DEEVFSLVREQAPNN	
SfBtR	(192) VEPH -VTECKYIVSDADGLISTSVMSYHIDSERG -DEKV FELIRKDYPG-	
HzBtR	(189) GETG -ITSCKYTVSDADGEISTRFMRF EISSDRD -DDEYFELVRENIQG-	
OnBtR	(185) GEAR -LTDCVYQVSDRDGEISTRFMTFRVDSSRAADESIFYMVGEYDPS-	
BmBtR	(190) GEAR -LTECVYVVTADGRISTQFMQFRIDS DRG -DDKIFYI QGANIPG-	
MsBTR	(189) GEPG -LTECTYQVSDADGRISTEFMTFRIDS VRG -DEETFYIERTNIPN-	
	251	300
AiBtR	(238) EWMMWCYMVVEVKGS LDFAQNPLHIFRAHAFDSKDNTHSVLM TVEVKNVEQ	
SfBtR	(239) DWTKVYMVLELKKS LDYEENPLHIFRVTASDSL PPNRTVVMMVEVENVEH	
HzBtR	(236) QWMYVHMRVHVKKPLDYEENPLHIFRVTAYDSL PNTHTVTMMVQVENVEN	
OnBtR	(233) DWFNMKMTVGINSPLNFETTQLHIFSVTASDSL PPNHTVTMMVQVENVES	
BmBtR	(237) EWIRMTMTVGINEPLNFETNPLHIFSVTALDSL PNTHTVTLMVQVENVEH	
MsBTR	(236) QWMWLNM TIGVNTSLNFVTSPLHIFSVTALDSL PNTHTVTMMVQVANVNS	

FIG. 2A

	301	350
AiBtR	(288) RPPQWIEIFAVQQFDEKIKKSFRVRAIDADTGINKTISYRLRTAVGEENL	
SfBtR	(289) RNPRWMEIFAVQQFDEKQAKSFTVRAIDGDTGINKPIFYRIETEDEDKEF	
HzBtR	(286) RPPRWMEIFAVQQFDEKTEQSFRVRAIDGDTGIDKPIFYRIETEKGEEDL	
OnBtR	(283) RPPRWVEIFSVQQFDEKTNQSFSLRAIDGDTGINRAINYTLIR-DDADDF	
BmBtR	(287) RPPRWVEIFAVQQFDEKTAQSFPVRAIDGDTGINKPIHYRLET-AEEDTF	
MsBTR	(286) RPPRWLEIFAVQQFEEKSYQNFTVRAIDGDTEINMPINYRLIT-NEEDTF	
	351	400
AiBtR	(338) FELETKEGSQ-GVWLHVGPIDRDELEKEVFLLSIIAYKYGDDG----TLY	
SfBtR	(339) FSIENIGEGRDGARFHVAPIRDYLKRMFHIRIIAYKQGDNDKEGESSF	
HzBtR	(336) FSIQTIEGGREGAWFNVAPIRDITLEKEVFHVSIIAYKYGDNDVEGSSSF	
OnBtR	(332) FSLEVIEDG---AILHVTEIDRKLERELFNLNTIVAYKSTD-----ASF	
BmBtR	(336) FHIRTIEGGRSGAILYVDPIDRDTLQREVQLSIIAYKYDN-----ESS	
MsBTR	(335) FSIEALPGKGSGAVFLVSPIDRDTLQREVPLTIVAYKYDE-----EAF	
	401	450
AiBtR	(383) ETPANITIIIINDVNDQLPSPLKEGGVYTIDIMEETPMTLN-LENFGFHDR	
SfBtR	(389) ETSANVTIIINDINDQRPEPFHK--EYTISIMEETAMTLD-LQEFGFHDR	
HzBtR	(386) QSKTDVVIIIVNDVNDQAPLPFRE--EYSIEIMEETAMTLN-LEDGFHDR	
OnBtR	(373) ATEAHIFIIVNDVNDQRPEPLHK--EYSIDIMEETPMTLNNEEGFHDR	
BmBtR	(380) ATAANVVIIIVNDINDQRPEPLFK--EYRLNIMEETALTLPFDQEFGFHDR	
MsBTR	(379) STSTNVVIIIVTDINDQRPEPIHK--EYRLAIMEETPLTLNFDKEFGFHDK	
	451	500
AiBtR	(432) DLGPNAQYNVRLESVYPDGVHEAFYIAPERGYQRQSSLSTQNHMLDYD	
SfBtR	(436) DIGPHAQYDVHLESIQPEGAHTAFYIAPEEGYQAQSFTIGTRIHNMLDYE	
HzBtR	(433) DLGPHAQYTVHLESIHPPRAHEAFYIAPEVGYQRQSFIMGTQNHMLDFE	
OnBtR	(421) DLGENAQYTVELEDVFFPGAASAFYIAPGSGYQRQTFIMGTINHMLDYE	
BmBtR	(428) DLGQNAQYTVRLESVDPPGAAEAFYIAPEVGYQRQTFIMGTANHKMLDYE	
MsBTR	(427) DLGQNAQYTVRLESVDPPGAAEAFYIAPEVGYQRQTFIMGTLNHSMLDYE	
	501	550
AiBtR	(482) NETVDFTKIQIKAVAIDSNNTMKFATININLINWNDELPIFKNSVQNV	
SfBtR	(486) DDD-YRPGIQLKAVAIDRHDDNNHIGEAIININLINWNDELPIFDEDAYNV	
HzBtR	(483) VP--EFQNIQLRAVADMDDPKWVGIAIIINIKLINWNDELPMFESDVQTV	
OnBtR	(471) DV--IFQNIILKVAVMNNASHVGEALVYVNLINWNDELPIFEESSYSA	
BmBtR	(478) VP--EFQRIRLRVIATMDNEEHVGVAYYYINLINWNDEEPIFEHSVQNV	
MsBTR	(477) VP--EFQSITIRVVATDNNNDTRHVGVALVHIDLINWNDEQPIFEHAVQTV	
	551	600
AiBtR	(532) SFPETVAAGFHVATIKAEDRDVGDRVEHSLMGNAVDFLTIDKYSGEIFVA	
SfBtR	(535) TFEETVGDFGHIGKYRAKDRDIGDIVEHSILGNAANFLRIDIDTGDVYVS	
HzBtR	(531) SFDETEGAGFYVATVVAKDRDVGDKVEHSLMGNAVSYLRIDKETGEIFVT	
OnBtR	(519) SFKETVGAGFPVATVLALDRDIDVVVHSLMGNAVDYLFIDESTGEIFVS	
BmBtR	(526) SFKETEGKGFFVANVRAHDRVADDTVEHTLMGNANNYLSIDKDTGDIHVT	
MsBTR	(525) TFDETEGEGFFVAKAVAHDRDIGDVVEHTLLGNAVNFLTIDKLTGDIRVS	

	601	650
AiBtR	(582) VNNSFNYHRQNELFIQIRADDTLGEGPYHTTSQLVIYLEDVNNTPPVLR	
SfBtR	(585) RDDYFDYQRQNEIIVQILAVDTLG-LPQNRAATTQLTIFLEDINNTPPILR	
HzBtR	(581) ENEAFNYHRQNELFVQIPADDTLG-EPYNTNTQLVIKLRDINNTPPTLR	
OnBtR	(569) MDDAFDYHRQNTLFVQVRADDTLGDGPHTVTTQLVIELEDVNNTPPTLR	
BmBtR	(576) QDDFFDYHRQSELFVQVRADDTLG-EPFHTATSQLLIHLEDINNTPPTLR	
MsBTR	(575) ANDSFNYHRESELFVQVRATDTLG-EPFHTATSQLVIRLNDINNTPPTLR	
	651	700
AiBtR	(632) LPRRGPHVEENVPHGHPITNDDGIQLIASDPDTAELWFEIDWEESYATK	
SfBtR	(634) LPRSSPSVEENVEVGHPITEG--LTATDPDT--TADLHFEIDWDNSYATK	
HzBtR	(630) LPRATPSVEENVPDGFVIP---TQLHATDPDTAELRFEIDWQNSYATK	
OnBtR	(619) LPRSTPSVEENVPEGYEIS---REITATDPDTSAYLWFEIDWDSTWATK	
BmBtR	(625) LPRGSPNVEENVPEGYIIT---SEIRATDPDTAELRFEIDWTTSYATK	
MsBTR	(624) LPRGSPQVEENVPDGHVIT---QELRATDPDTTADLRFEINWDTSFATK	
	701	750
AiBtR	(682) QGNE-TLKDEYRNCIEILTRYQDENRKGEAYGVLEVRQIRDDPVVTIDYE	
SfBtR	(680) QGTNGPNTADYHGCVEILTVYPDPDNHGRAEGHLVAREVSDG--VTIDYE	
HzBtR	(676) QGRN-TDSKEYIGCIEIETIYPNINQRGNAIGRVVVREIRDG--VTIDYE	
OnBtR	(665) QGRE-TNPTEYVGCVIETIYPTEGNRGSAIGRLVQEI RDN--VTIDFE	
BmBtR	(671) QGRE-ANPIEFHNCVEIETIYPAINNRGSAIGRLVVKIREN--VTIDYE	
MsBTR	(670) QGRQ-ANPDEFRNCVEIETIFPEINNRGLAIGRVVAREIRHN--VTIDYE	
	751	800
AiBtR	(731) EFEVLYLVVRVRDRNNTLGDDYDEGTLTITIIDMNDNWPTWEEGQLTQZF	
SfBtR	(728) KFEVLYLVVRVIDRNTVIGPDYDEAMLTIVTIIDMNDNWPIWADNTLQQTL	
HzBtR	(723) MFEVLYLTIVRDLNTVIGEDHDISTFTITIIDMNDNPPLWVEGTLTQEF	
OnBtR	(712) EFEMLYLTVRVRDLNTVIGDDYDEATFTITIIDMNDNAPIFANGTLTQTM	
BmBtR	(718) EFEMLYLTVRVRDLNTVIGDDYDESTFTITIIDMNDNPPIWVPGTLEQSL	
MsBTR	(717) EFEVLSLTVRVRDLNTVYGDDYDEMLTITIIDMNDNAPVWVEGTLEQNF	
	801	850
AiBtR	(781) RVREMSLSGVVIGSLRATDRDGPLYNQVRYTIQPVDGTPADLVAIDFR TG	
SfBtR	(778) RVREMADEGVIVGTLLATDLDGPLYNRVR YTMVPIKDT PDDLIAINYVTG	
HzBtR	(773) RVREVAASGVVIGSVLATDIDGPLYNQVRYTITPRLDTPEDLVDIDFNTG	
OnBtR	(762) RVRELAASGTLIGSVLATDIDGPLYNQVRYTIQPRNNTP EGLVKIDFTTG	
BmBtR	(768) RVREMSDAGVVI GTLATDIDGPLYNQVRYTMKANE GTPENLLMIDFYTG	
MsBTR	(767) RVREMSAGGLVVGSRADDIDGPLYNQVRYTIFPREDTDKDLIMIDFLTG	
	851	900
AiBtR	(831) QMTVQKNQAIDADVPPRFNLYYTVTASDKCSMEDQS-NCPDDKTYWNNTA	
SfBtR	(828) QLTVNKGQAIDADDPPRFYLYYKV TASDKCSLDEF FPVCPPDPTYWNTEG	
HzBtR	(823) QISVKLHQAI DADEPPRQNLYYTVIASDKCDLLTVT-ECPPDPTYFETPG	
OnBtR	(812) QIEVDANEAI DADEPWRFYLYYTVIASDECSLENRT-ECPPDSNYFEVPG	
BmBtR	(818) QITVKTSGAIDADVPRYNLYYT VVATDRCYAEDPD-DCPDDPTYWETPG	
MsBTR	(817) QISVNTSGAIDADTPPRFHLYYT VVASDRCSTEDPA-DCPPDPTYWETEG	

	901	950
AiBtR	(880) <i>KIAIQVIDTNNKVPFVEPEKFKN EVTIVEDPVTGDTFLTSESIYEDAVS</i>	
SfBtR	(878) <i>EIAIAITDTNNKIPRAET-----</i>	DMFPSEKRIYENTPN
HzBtR	(872) <i>EITIHITDTNNKVPQVE-----</i>	DDKFEATVYIYEGADD
OnBtR	(861) <i>DIEIEIIDTNNKVPPEPL-----</i>	TEKFNTTVYVWENATS
BmBtR	(867) <i>QVVIQIIDTNNKIPQPE-----</i>	TDQFKAVVYIYEDAVS
MsBtR	(866) <i>NITI HITDTNNKVPQAE-----</i>	TTKFDTVVYIYENATH
	951	1000
AiBtR	(930) <i>GDHFVQLFVGDLDRDLPNNNVSYTINFVNPRIRDFFEVDLVTGWVRVHY</i>	
SfBtR	(911) <i>GTKITIIASDQDRDRPNNALTYRINYAFNHRLENFFAVDPDTGELFVHF</i>	
HzBtR	(905) <i>GQHVVQIYASDLDRDEIYHKVSYQINYAINSRLRDFFEMDLESGLVYVNN</i>	
OnBtR	(894) <i>GDEVVQLYSHDRDRDELYHTVRYTMNFAVNPRLRDFFEVDLDTGRLEVHY</i>	
BmBtR	(900) <i>GDEVVKVIGSDLRDDIYHTIRYQINYAVNPRLRDFFAVDPDTGRVYVYY</i>	
MsBtR	(899) <i>LDEVVTLIASDLRDEIYHTVSYVINYAVNPRLMFFSVNRETGLVYVDY</i>	
	1001	1050
AiBtR	(980) <i>PG---PDKLDRDGDEPTHRIHFSIFDNFMSEGEPNRNQISGEALIILLDV</i>	
SfBtR	(961) <i>TT---EVLDRDGEEPEHRIIFTIVDNLEGAGDGNQNTISTEVRVILLDI</i>	
HzBtR	(955) <i>TAG---ELLDRDGDEPTHRIFFNVIDNFYGEGDGGRNQNETQVLVLLDI</i>	
OnBtR	(944) <i>PG---DEKLDRDGDEPTHTIFVNFFIDNFFSDGDGRNQDEVEIFVVLVDV</i>	
BmBtR	(950) <i>TT---DEVLDRDGDEPQHRIFFNLIDNFFQQGDGRNQNDAEVLVLLDV</i>	
MsBtR	(949) <i>ETQGSGEVLDRDGDEPTHRIFFNLIDNFMGEGEGRNQNDTEVLVILLDV</i>	
	1051	1100
AiBtR	(1027) <i>NDNKPELPSPDSPFPWTVSESVVEGVRIPPPILAPDRDEPGTDNSRVAYD</i>	
SfBtR	(1008) <i>NDNKPELP-IPDGEFWTVSEGEVEGKRIPPPILAHADRDEPFNDNSRVGYE</i>	
HzBtR	(1002) <i>NDNYPELP---ETIPWAISESLELGERVQPEIFARDRDEPGTDNSRVAYA</i>	
OnBtR	(991) <i>NDNAPEMPL-PDELRFDVSEGAAGVRVLPEIYAPDRDEPDTDNSRVGYG</i>	
BmBtR	(997) <i>NDNAPELPE-PDELSWSVSESLTKGTRLQPHIYAPDRDEPDTDNSRVGYA</i>	
MsBtR	(999) <i>NDNAPELPP-PSELSWTISENLKQGVRLEPHIFAPDRDEPDTDNSRVGYE</i>	
	1101	1150
AiBtR	(1077) <i>LLGVTPER-DIEVPQLFKIETIEKD LG-INQTGILETVTPLQGYWGTYEI</i>	
SfBtR	(1057) <i>IRSIKLINRDIELPQDPFKIITIDDLTWKFVGELETTMDLRGYWGTYDV</i>	
HzBtR	(1049) <i>ITGLASTDRDIQVPNLNFNM ITIERDRG-IDQTGILEAAMDLRGYWGTYQI</i>	
OnBtR	(1040) <i>IILDLTITDRDIEVPDLFTMISIEN-----KTGELETAMD LRGYWGTYEI</i>	
BmBtR	(1046) <i>IISLTIANREIEVPELFTMIQIQN-----VTGELETAMD LRGYWGTYAI</i>	
MsBtR	(1048) <i>ILNLSTER-DIEVPELFVMIQIAN-----VTGELETAMD LKG YWGTYAI</i>	
	1151	1200
AiBtR	(1125) <i>HIKAFDHGDPRQESDEKYQLVVRPYNFHEPTFVFPLDGSAIRLSRDRAIV</i>	
SfBtR	(1107) <i>EIRAFDHGFMLDSFETYQLTVRPYNFHSPVVFPTPGSTIRLSRERAIV</i>	
HzBtR	(1098) <i>DIQAYDHGIPQRISNQKYPLVIRPYNFHD PVFVFPQPGSTIRLAKERAVV</i>	
OnBtR	(1084) <i>FIEAFDHGYPQQRSNETYTLVIRPYNFHHPVFVFPQPD SVIRLSRERATE</i>	
BmBtR	(1090) <i>HIKAYDHGIPQQMSNETYELVIRPYNFHAPVVFVFPKHGATLRLARERAVV</i>	
MsBtR	(1091) <i>HIRAFDHGIPQMSMNETYELIIHPFNYYAPEFVFPTNDAVIRLARERAVI</i>	

	1201	1250
AiBtR	(1175) SGELTVVGAAQ-APLQRISATDEDGLHAGTVSFVVGDEAMNYFDVWND	
SfBtR	(1157) NGMLALANIASGEFLDRLSATDEDGLHAGRVTFSIAGNDEAAEYFNVLND	
HzBtR	(1148) NGILATVDG---EFLDRIVATDEDGLEAGLVTFSIAGDDEDAQFFDVNLND	
OnBtR	(1134) GGVLATAAN---EFLEPIYATDEDGLHAGSVTFHVQGNEAVQYFDITEV	
BmBtR	(1140) NGLLATVDG---EFLNRIVATDEDGLHAGQVAFEVVGDEAVDYFHIVND	
MsBtR	(1141) NGVLATVNG---EFLERISATDPDGLHAGVVFQVVGDEESQRYFQVVND	
	1251	1300
AiBtR	(1224) GE--NSGMLALKQALPDGFQEFKLTIRATDAGDEPGPKSTDSTVTVFIP	
SfBtR	(1207) GDN--SAMLTLKQALPAGVQQFELVIRATDGGTEPGPRSTDCSVTVVFVM	
HzBtR	(1195) GVN--SGALTTRLFPEEFREFQVTIRATDGGTEPGPRSTDCLTVVFVP	
OnBtR	(1181) GAGENSGQLILRQLFPEQIRQFRITIRATDGGTEPGPLWTDVTFSVVFVP	
BmBtR	(1187) GE--NSGTLMLKQLFPEDIREFEVТИRATDGGTEPRPLSTDCTFSVVFVP	
MsBtR	(1188) GE--NLGSLRLLQAVPEEIREFRITIRATDQGTDPGPLSTDMTFRVVFVP	
	1301	1350
AiBtR	(1272) Q-VEPQFPTNTQEVAFIEFEAGRSERHELTAAVDQKNILCDIDCYTVYYT	
SfBtR	(1255) TQGDPVFDDNAASVRFVEKEAGMSEKFQLPQADDPKNYRCMDDCHTIYYS	
HzBtR	(1243) TQGEPVFEDRTYTVAFVEKDEGMLEEAEELPRASDPRNIMCEDDCHDTYYS	
OnBtR	(1231) TQGDPVFSENAATVAFFEGEEGLRESFELPQAEDLNHLCEDDCQDIYYR	
BmBtR	(1235) IQGEPIFPTSTHTVAFIEKEAGLLERHELPRAEDRKNHLCSDDCHNIYYR	
MsBtR	(1236) TQGEPRFASSEHAVAFIEKSAGMEESHQLPLAQDIKNHLCEDDCHSIYYR	
	1351	1400
AiBtR	(1321) IIGGNAAGHFALDG--NVLYLVSELDRAQAERHTLQVAASNV-PGVTAA	
SfBtR	(1305) IVDGNDGDHFAVEPETNVIYLLKPLDRSQEQYRVVVAASNT-PGGTSTL	
HzBtR	(1293) IVGGNSGEHFTVDPRTNVLSLVKPLDRSEQETHTLII GASDT-PNPAAVL	
OnBtR	(1281) FIDGNNEGLFVLDQSSNVISLAQELDREVATSYTLHIAASNSPDATGIPL	
BmBtR	(1285) IIDGNNDGHFGLDETTNVLFLVKELDRSSETYTLTIAASNS-PTGGIPL	
MsBtR	(1286) IIDGNSEGHFGLDPVRNRLFLKKELIREQSASHTLQVAASNS-PDGGIPL	
	<i>Cry1A Binding domain</i>	
	1401	1450
AiBtR	(1368) PASTLTIVTVREANPRPHFERNLYTTGMSATDTD SERPLLT VSATHSEG	
SfBtR	(1354) SSSL LTIVTIGVREANPRPIFESEFYTAGVLHTDSIH-KELVYLA AKHSEG	
HzBtR	(1342) QASTLTIVTVNVREANPRPVFQRALYTAGISAGDFIE-RNLLT LVA THSED	
OnBtR	(1331) QTSILVTVNVREANPRPIFEQDLYTAGISTLDSIG-RELLTVRASHTED	
BmBtR	(1334) TS-TITITVNVREADPQPYFVRDLYTAGISTSDSIN-RELLILQATHSEN	
MsBtR	(1335) PASILTIVTVREADPRPVFVRELYTAGISTADSIG-RELLRLHATQSEG	
	<i>Cry1A Binding domain</i>	
	1451	1500
AiBtR	(1418) LPITYAIDQDSMVLDPTLEQVRESAFSMNPETGELMRMIQP NANMHGMFE	
SfBtR	(1403) LPIVYSIDQETMKIDESLQTVVEDAFDINSATGVISLN FQPTSVMHGSFD	
HzBtR	(1391) LPITYTLIQESMEA DPTLEAVQESAFILNPETGVLSLN FQPTAS MHGMFE	
OnBtR	(1380) DTITYTIDRASMQLDSSLEAVRDSAFA L HATTGVLSLN M QPTAS MHGMFE	
BmBtR	(1382) APIIYTIDWSTMVTDPTLASVRETA FILNPHTGVLT LNIQPTATM HGLFK	
MsBtR	(1384) SAITYAIDYDTMVVDPSLEAVRQSAFVLNAQTGVLT LNIQPTATM HGLFK	
	<i>Cry1A Binding domain</i>	

FIG. 2E

	1501	1550
AiBtR	(1468) FDILATDTAGATGQSHVKVYLISSRNRYFTFYNSQESVQEHRFTIAQTF	
SfBtR	(1453) FEVVASDTRGASDRAKVSIYMISTRVRVAFLFYNTAEVNERRNFIAQTF	
HzBtR	(1441) FEVKATDSRTETARTEVKVYLISDRNRVFIFTNNPLPEVTPQEDFIAETF	
OnBtR	(1430) FDVIATDTASAIDTARVKVYLISSSQRVTIFDNQLETVEQNRNFIAATF	
BmBtR	(1432) FQVWATDPAGYSDRANVKIYLISTRNRVFFLFVNLTLEQVEQNTDFIAQTF	
MsBtR	(1434) FEVTATDTAGAQDRTDVTVVYVSSQRVYFVFVNTLQQVEDNRDFIADTF	
	Cry1A Binding domain	
	1551	1600
AiBtR	(1518) TRVYSMTCNIEDIVPATD-SNGQYLTTEHTVTAHFIRDDLPVDADDVQEL	
SfBtR	(1503) ANAFGMTCNIDSVLPATD-ANGVIREGYTELQAHFIRDDQPVPADYIEGL	
HzBtR	(1491) TAFFGMTCNIDQSWASDPVTGATKDDQTEVRAHFIRDDLPVPAEEIEQL	
OnBtR	(1480) STGFNMTCNIDQVVPFSD-SSGVAQDDTTEVRAHFIRDNVPVQAQEVAV	
BmBtR	(1482) SAGFEMTCNIDQVVPATD-ASGVIMNGITEVRGHFIRDNVPVPADEIETL	
MsBtR	(1484) SAGFNMTCNIDQVVPANDPVTGVALEHSTQMRGHFIRDNVPVLADEIEQI	
	1601	1650
AiBtR	(1567) IEDTELFRELRTTMLGLGLQLTNVQSGLPPSVAGEDQMLAVYILAGLAGV	
SfBtR	(1552) FTELNTLRDIREVLSTQQLTLLDFAAGGSALPGGEYALAVYILAGIAAL	
HzBtR	(1541) RGNPTLVNSIQRALEEONLQLADLFTGETPILGGDAQARALYALAAVAAA	
OnBtR	(1529) RSDTVLLRTIQLMLSTNSLVLQDLVTGDTPTLGEESMQIAVYALAALSAV	
BmBtR	(1531) RGDMVLLTAIQSTLATRLLVRLRDLFTDTSPAP-DAGSAAVLYALAVLSAL	
MsBtR	(1534) RSDLVLLSSIQTTLAARSLVLQDLLTNSSPDS-APDSSLTVVVLASLSAV	
	<u>Trans-</u>	
	1651	1700
AiBtR	(1617) <u>LALLCIVLLITFIIRNRSLNRRIAALSATKYNVDNSLNRIGLAAPGTNK</u>	
SfBtR	(1602) <u>LAVICLALLIAFFIRNRTLNRRIEALTIKDVP-TDIEPNHASAVLNINK</u>	
HzBtR	(1591) <u>LALIVVLLIVFFVRTRTLNRRLQALSMTKYSSQDGLNRVGLAAPGTNK</u>	
OnBtR	(1579) <u>LGFLCLVLLLALFCRTRALNRQLQALSMTKYGSVDSGLNRAGLAP-GTNK</u>	
BmBtR	(1580) <u>LAALCLLLLVIFIIRTKKNRRLEALTVKKYGSVDSGLNRVGIAAPGTNK</u>	
MsBtR	(1583) <u>LGFMCCLVLLTFIIRTRALNRRLREALSMTKYGSLDGLNRAGIAAPGTNK</u> <u>membrane</u>	
	1701	1750
AiBtR	(1667) HAFE-PNPIWNETIKAPPDFDAISEQSNDSDLIGIEDLPQFRNDYFPPEQE	
SfBtR	(1651) HTEPGSNPFYNPDVKTPNFDTISEVS--DDLDVDEDLEQFGKDYFPPENE	
HzBtR	(1641) HAVEGSNPIWNETLKAPPDFDALSEQSYDSNDSDLIGIEDLPQFRNDYFPPEEG	
OnBtR	(1628) HAVEGSNPMWNEAIRAPPDFDAISDASGDSNDSDLIGIEDMPQFRDDYFPPGDT	
BmBtR	(1630) HAVEGSNPIWNETIKAPPDFDSMSDASNDSDLIGIEDLPHFGENNYFPRDV	
MsBtR	(1633) HTVEGSNPIFNEAIKTPDLDAISEGSNDSDLIGIEDLPHFGN---VFMDP	
	1751	1795
AiBtR	(1716) IDMNSNDIGYPEMDARNPLPNHENFGYSNAPFNPDFFTNSQSRR-	
SfBtR	(1699) IESLN-----FARNPIATHGNNFGVNSSPSNPEFSNSQFRS-	
HzBtR	(1691) SSMRG----VVNEHVPESIANHNNFGNSTPFSPEFANTQFRR-	
OnBtR	(1678) DSSSGIVLHMGEATDNKPVTTHGNNFGFKSTPYLPQPHPK-----	
BmBtR	(1680) DEFK-----TDKPEDIVATHNNNFGFKSTPFSPEFANQFQK--	
MsBtR	(1680) EVNE-----KANGYPEVANHNNFAFNPTPFSPEFVNGQFRKI	